

Mail Stop PATENT APPLICATION  
 COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

03945 U.S. PTO  
 10/678419

Sir:

Transmitted herewith for filing is the patent application of:

Inventor(s): Neil McLELLAN and Tak Sang YEUNG  
 For: IMPROVED FLIP CHIP BALL GRID ARRAY PACKAGE

This is a ☐ CONTINUING ☐ DIVISIONAL ☒ CONTINUATION-IN-PART of co-pending U.S. Patent Application Serial No. 10/211,567 entitled 'IMPROVED CHIP SCALE INTEGRATED CIRCUIT PACKAGE' filed August 5, 2002.

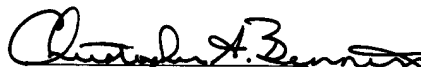
## Enclosed are:

- 10 Pages of Specification  
2 Sheet(s) of drawing (☒ formal ☐ informal)  
1 Appendix Sheet  
☐ Declaration and Power of Attorney ☒ Will follow.  
☐ Form PTO-1595 and an Assignment of the invention to ASAT LTD., QPL Industrial Building, 14th Floor, 138 Texaco Road, Tsuen Wan, New Territories, Hong Kong ☒ Will follow.  
☒ Request for Non-publication of Application Under 35 USC 122(b)(2)(B)(i)  
☐ A verified statement to establish small entity status under 37 CFR 1.9 and 37 CFR 1.27.  
☐ Change of Correspondence Address  
☐ Incorporation by Reference - The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied as indicated above, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.  
☐ DELETION OF INVENTOR(S) - Signed statement attached deleting inventor(s) in the prior application.  
☒ Information Disclosure Statement and Form PTO 1449.  
☐ Preliminary Amendment  
☒ General authorization/request to Petition for Extensions of Time  
☒ Return Postcard

FOR:	NO. FILED	NO. EXTRA	SMALL ENTITY RATE	SMALL ENTITY FEE		OTHER THAN SMALL ENTITY RATE	OTHER THAN SMALL ENTITY FEE
BASIC FEE				\$385.00	OR		\$770.00
TOTAL CLAIMS	18	-10-	X 9	\$	OR	X 18	\$-0+
INDEP CLAIMS	2	-0-	X 40	\$	OR	X 84	\$-0-
<input type="checkbox"/> MULTIPLE DEP CLAIMS PRESENTED			X+ 130	\$	OR	+ 260	\$
			TOTAL =			TOTAL:	\$770.00

- ☐ Please charge my Deposit Account No. 50-1353 the amount of \$  
☒ Credit Card Payment Form in the amount of \$770.00 to cover the filing fee is enclosed.  
☐ Credit Card Payment Form for \$ covering the Assignment Recordation Fee is enclosed.  
☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-1353.  
☒ Any additional filing fees required under 37 CFR 1.16.  
☒ Any patent application processing fees under 37 CFR 1.17.  
☐ The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 50-1353.  
☐ Any patent application processing fees under 37 CFR 1.17.  
☐ The issue fee set in 37 CFR 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR 1.311(b).  
☐ Any filing fees under CFR 1.16 for presentation or extra claims.

Respectfully submitted,



Christopher A. Bennett  
 Registration No. 46,710

KEATING & BENNETT LLP  
 10400 Eaton Place, Suite 312  
 Fairfax, VA 22030  
 (703) 385-5200

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Neil McLELLAN and Tak Sang YEUNG  
For: IMPROVED FLIP CHIP BALL GRID ARRAY PACKAGE

New Continuation In Part Application of co-pending U.S. Patent Application Serial No. 10/211,567 entitled 'IMPROVED CHIP SCALE INTEGRATED CIRCUIT PACKAGE' filed August 5, 2002.

Filing Date: October 3, 2003

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**CERTIFICATE OF MAILING**

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450


Sir:

Date of Deposit: October 3, 2003

**VIA EXPRESS MAIL EL629613788US**

I hereby certify that an application for patent, including:  
10 pages of Specification (which includes 18 claims and a one-page Abstract); 2 Sheets of formal Drawings; 1 Appendix Sheet; a Credit Card Payment Form (PTO-2038) authorizing a charge to my credit card in the amount of \$770.00 to cover the filing fee; Transmittal Letter; General Authorization/Request to Petition for Extensions of Time; an Information Disclosure Statement; Request for Non-publication of Application Under 35 USC 122(b)(2)(B)(i); and Return Postcard are being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to the Commissioner for Patents, Mail Stop Patent Application, P.O. Box 1450, Alexandria, VA 22313-1450.

Date of Deposit: October 3, 2003

  
\_\_\_\_\_  
Sonia V. McVean

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**NONPUBLICATION REQUEST  
UNDER  
35 U.S.C. 122(b)(2)(B)(i)**

First Named Inventor

Neil McLELLAN

Title

IMPROVED FLIP CHIP BALL...

Attorney Docket Number

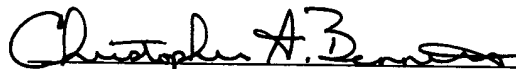
50626.59

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

October 3, 2003

Date



Signature

(703) 385-5200

Telephone number

Christopher A. Bennett, (703) 46,710

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

This collection of information is required by 37 CFR 1.213(a). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

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PATENT  
50626.59

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Neil McLELLAN and Tak Sang YEUNG	
Continuation In Part Application of co-pending U.S. Application No. 10/211,567	
Serial No.: Currently unknown	
Filing Date: Concurrently herewith	
For: IMPROVED FLIP CHIP BALL GRID ARRAY PACKAGE	

**GENERAL AUTHORIZATION/REQUEST TO PETITION FOR EXTENSIONS OF TIME**

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

With reference to the subject application, and pursuant to 37 C.F.R. § 1.136, Applicant(s) hereby authorize(s) and request(s) the Commissioner to treat any correspondence requiring a petition for extension of time as containing such a request therefor for the appropriate length of time. This general authorization is effective during the pendency of this application, including any division or continuing application therefrom.

Where no check is received by the Commissioner, you are hereby authorized to

New Continuation In Part Application  
General Authorization/Request  
To Petition for Extensions of Time  
Page 2 of 2

charge payment of the requisite petition fees, or charge any additional fee required under 37 C.F.R. § 1.17,

or credit any overpayment of same, to Deposit Account No. 50-1353. A duplicate copy of this general authorization is enclosed.

Respectfully submitted,

Date: October 3, 2003

  
Attorneys for Applicant(s)

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